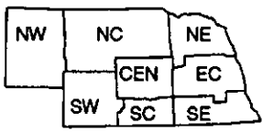
NEBRASKA
WEATHER & CROPS

For Week Ending September 13, 1992

Issue: 27-92 | Phone: (402) 437-5541 | P.O. Box 81069
Released: 9/14/92 - 3:00 p.m. | Location: 273 Federal Bldg. | Lincoln, NE 68501

National Agricultural Statistics Service
U.S. Department of Agriculture
and U S Department of Commerce
National Oceanic and Atmospheric Admn.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources--UN-L

WEATHER

Temperatures for the week averaged two to four degrees below normals across the State. Precipitation occurred the first part of the week with amounts varying from around a tenth of an inch in the west up to almost one inch in the east.

GENERAL

Row crop development last week progressed steadily but at a less than average pace, according to the Nebraska Agricultural Statistics Service. Crop producers were busy with harvest preparations, fall wheat seeding, silage cutting, and hay harvesting. Livestock producers had begun moving calves and yearlings off summer pastures. Row crops continued to need hot, drying weather for proper maturity before first frost.

CROPS

Corn condition was rated at 1% very poor, 7% poor, 17% fair, 55% good, and 20% excellent. The crop moved toward maturity last week with 71% in or beyond the dent stage to date, about twelve days behind normal. Statewide, only 6% had reached maturity as of Sunday, two and a half weeks behind normal. Corn silage harvest preparations were active with cutting underway.

Soybean condition was rated at 2% poor, 10% fair, 65% good, and 23% excellent. Crop development progressed at a near normal rate but remained about ten days to two weeks behind normal.

Sorghum condition was rated at 6% poor, 13% fair, 68% good, and 13% excellent. As with the other row crops, this crop was also slowly developing. Concerns remain greatest for this crop as development, as of Sunday, rated coloring two and a half weeks behind normal and maturing three weeks behind normal, statewide. The lack of hot, drier weather conditions once again hindered development last week.

Winter wheat seeding was 22% complete by week's end, compared with 23% last year at this time and 27% for the five-year average. Seedbed preparations continued active.

Dry bean harvest progressed slowly last week and was about ten days behind normal. Cool, wet weather-related diseases have caused below average yields for affected fields.

Alfalfa condition was rated at 3% poor, 12% fair, 68% good, and 17% excellent. Third cutting activities made limited progress last week with 86% harvested, behind last year and the five-year average at 93%. Fourth cutting activities were 10% complete.

LIVESTOCK

Pasture and range condition was rated at 100% of normal and compares with 62% of normal last year at this time. Grazing potential remained excellent with good gains reported for yearlings being moved off summer pastures.

FIELD WORK PROGRESS AS OF SEPTEMBER 13, 1992	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER-AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% corn dented	52	69	38	83	86	59	88	86	71	55	97	94
% corn mature	1	7	3	7	9	11	4	5	6	2	58	47
% sorghum turning color	0	31	45	56	42	53	37	45	43	32	93	87
% sorghum mature	0	1	0	2	2	1	0	1	1	0	53	38
% soybeans turning color	0	11	22	49	44	80	53	46	39	14	84	72
% soybeans dropping leaves	0	1	1	13	11	26	10	8	7	0	47	35
% alfalfa third cutting	61	89	84	96	89	99	92	85	86	81	93	93
% alfalfa fourth cutting	3	6	4	20	12	9	10	17	10	5	na	na
% wheat sown	45	28	18	10	16	14	7	2	22	3	23	27
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF SEPTEMBER 11, 1992												
Days suitable	6.7	5.4	3.2	5.4	3.7	6 7	6.4	4.2	4.9	5.1	5 1	
Topsoil moisture - Short	13	0	0	0	11	17	29	17	10	3	68	
(Percent) - Adequate	87	92	78	92	72	83	71	72	80	87	27	
- Surplus	0	8	22	8	17	0	0	11	10	10	5	
Subsoil moisture - Short	7	0	0	0	0	0	7	6	3	1	85	
(Percent) - Adequate	93	92	83	92	89	100	93	83	89	93	15	
- Surplus	0	8	17	8	11	0	0	11	8	6	0	

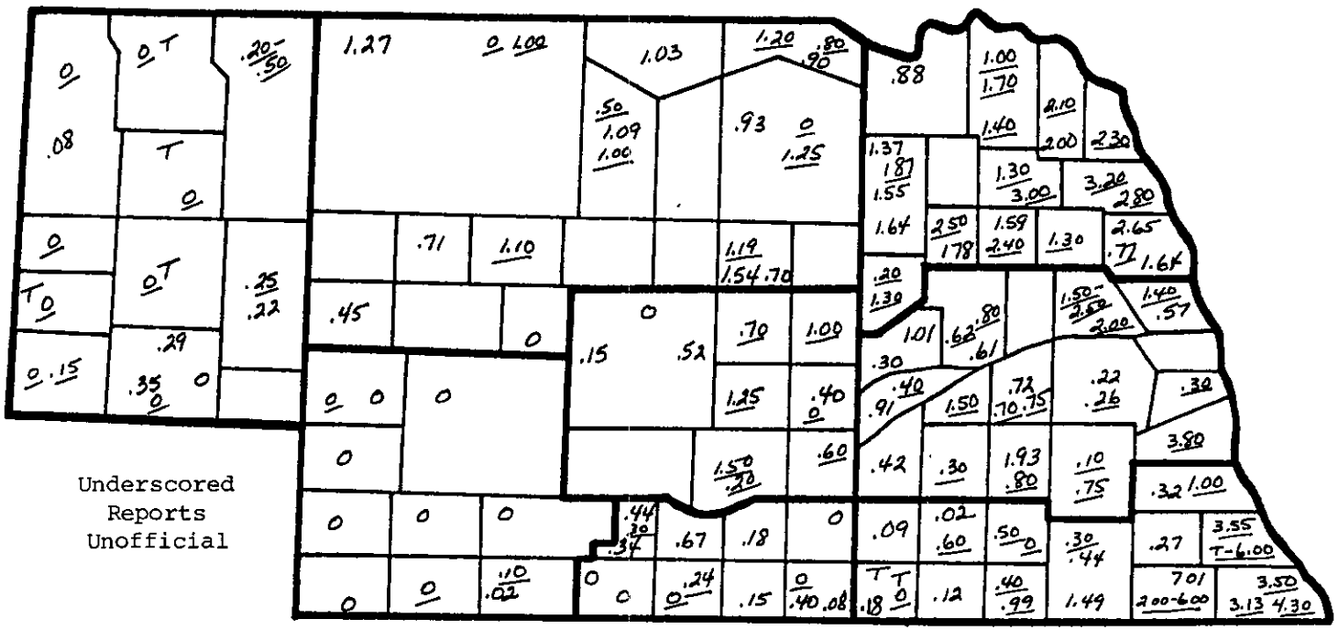
na - not available.

NEBRASKA WEATHER & CROPS (ISSN 0745-0117) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P O. Box 81069, Lincoln, NE 68501, or by calling (402) 437-5541 and available for $15 00 per year to non-reporters. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P O. Box 81069, Lincoln, NE 68501.

NEBRASKA WEATHER & CROPS
P.O. Box 81069
Lincoln, NE 68501

Second Class Postage
Paid at
Lincoln, Nebraska

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, SEPTEMBER 11, 1992



PRECIPITATION, APRIL 1 - SEPTEMBER 11, 1992

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.10	.86	1.68	.27	.77	.00	.23	.99
Total since April 1	12.60	16.89	20.42	16.59	20.85	14.52	15.33	23.16
Normal since April 1	12.35	15.26	17.70	16.55	19.10	13.87	16.84	20.05

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,
WEEK ENDING SUNDAY, SEPTEMBER 13, 1992

	Station	Temperature				Precipitation	Growing Degree Data Since April 15 2/		
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	92	35	64	---	.01	---	---	---
	Scottsbluff	88	37	61	-2	.01	2097	2211	2407
	Sidney	88	41	64	---	T	1996	2099	2355
NC	Valentine	87	34	60	-3	.53	1939	2071	2444
NE	Norfolk	80	38	61	-4	.99	---	---	---
	Sioux City	80	39	62	-4	.75	---	---	---
	Concord	---	---	---	---	---	2021	2133	2713
	Elgin	---	---	---	---	---	1899	1996	2648
	West Point*	---	---	---	---	---	2138	2257	2774
CEN	Grand Island	86	41	63	-3	.50	2206	2349	2777
	Ord	78	35	60	---	.56	2103	2220	2736
EC	Lincoln	89	43	65	-2	T	2413	2571	2884
	Omaha	85	44	64	-2	.08	2284	2431	2771
	Columbus	---	---	---	---	---	2225	2360	2829
	York	---	---	---	---	---	2268	2407	2909
SW	Imperial	86	41	64	---	0	---	---	---
	North Platte	82	40	62	-2	.08	**2026	**2143	**2601
SC	Holdrege	---	---	---	---	---	2225	2350	2827
SE	Beatrice	---	---	---	---	---	2350	2491	2914
	Clay Center	---	---	---	---	---	2239	2366	2873

1/ Precipitation totals not included in map above. 2/ Growing degree data not available for week ending September 13; data shown is ending September 6. *Automated weather station. **West Central Research & Extension Center.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.